

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: T. KUMAKI, et al.

Serial No.: 10/572,859

Filed: MARCH 22, 2006

Title: PHOTSENSITIVE ELEMENT, RESIST PATTERN  
FORMATION METHOD AND PRINTED WIRING BOARD  
PRODUCTION METHOD

Group AU: TBA

Examiner: TBA

Confirm. No: TBA

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR 1.97 & 1.98****Mail Stop: AMEND – NO FEE**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450 May 22, 2006

May 22, 2006

Sir:

Pursuant to Applicants' duty of disclosure, enclosed please find a copy of a publication to be considered by the Examiner during examination of the above-identified application. This document is discussed in paragraph [0006] on page 2 of Applicants' specification. Also enclosed is an English translation of this document. Still further enclosed is a Form PTO/SB/08A, listing the enclosed document.

This Information Disclosure Statement is being submitted within three months of the filing date of the above-identified application. Accordingly, requirements of 37 CFR 1.97(b) are satisfied.

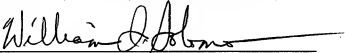
While the enclosed document is not in English, it is respectfully submitted that requirements of 37 CFR 1.98(a)(3) are satisfied by the enclosed English translation of the listed article, as well as by discussion of this article in the specification of the above-identified application, as mentioned previously.

In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with the document listed on the enclosed Form. Accordingly, consideration of this listed document, upon examination of the above-identified application, is respectfully requested.

Please charge any shortage of fees due in connection with the filing of this paper to the Deposit Account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (case No. 1303.46057X00), or credit any excess fees to such Deposit Account.

Respectfully submitted,

**ANTONELLI, TERRY, STOUT & KRAUS, LLP**

By   
William I. Solomon  
Registration No. 28,565

WIS/ksh  
1300 N. Seventeenth Street  
Suite 1800  
Arlington, Virginia 22209  
Tel: 703-312-6600  
Fax: 703-312-6666



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <b>May 22, 2006</b>  (use as many sheets as necessary)		<b>Complete if Known</b> Application Number <b>10/572,859</b> Filing Date <b>March 22, 2006</b> First Named Inventor <b>Takashi KUMAKI, et al.</b> Art Unit <b>TBA</b> Examiner Name <b>TBA</b> Attorney Docket Number <b>1303.46057X00</b>	
Sheet	1	of	1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)				
		US-				
		US-				
		US-				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/ACW/		A. Ishikawa, "Feature: Pattern Forming Technology for Realizing Next-Generation Printed Wiring Boards - Mask-less Exposure for Shorter Development Times/Optimization for Mass-Production", <i>Electronics Mounting Technology</i> , Ball Semiconductor Incorporated, pp. 74-79, June 2002 Edition (Vol. 18, No. 6).	T

Examiner Signature	/Amanda C. Walke/	Date Considered	12/03/2008
-----------------------	-------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.